California Department of Transportation

Stormwater Management Program

District 2 Work Plan

Fiscal Year

2018-2019

CTSW-RT-17-316.11.1

California Department of Transportation
Division of Environmental Analysis
Stormwater Management Program
1657 Riverside Drive, Redding, California 96001

http://www.dot.ca.gov/hq/env/stormwater

October 1, 2017

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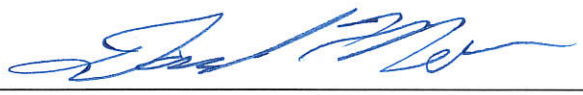
California Department of Transportation
District 2 Certification
District Work Plan 2018-19

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment of knowing violations. [40 CFR 122.22(d)]



9/25/2017

Dave Moore **Date**

District 2 Director

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1 Introduction

General Information about the District Work Plan

The District Work Plans (DWPs) describe the organization of each California Department of Transportation (Caltrans) District's stormwater program and outline the planned stormwater activities for the upcoming fiscal year. They are prepared and submitted on October 1 each year. Since the DWP is District-specific, each Regional Water Quality Control Board (RWQCB or Regional Board) is provided a copy of the DWPs relevant to their jurisdiction.

This DWP presents information about District 2's water bodies, Best Management Practices (BMPs), and monitoring programs. It describes how the District will specifically implement the requirements of the Statewide Stormwater Management Plan (SWMP) during fiscal year 2018-19. Implementation activities will be conducted in accordance with the procedures presented in the SWMP. In addition, this DWP fulfills Provision E.3.b of the *National Pollutant Discharge Elimination System (NPDES) Statewide Storm Water Permit Waste Discharge Requirements (WDRs) for State of California Department of Transportation* (Order Number 2012-0011-DWQ, NPDES Number CAS000003, Effective July 1, 2013) (NPDES Permit). The NPDES Permit was amended by Orders WQ 2014-0006-EXEC (January 17, 2014), WQ 2014-007-DWQ (May 20, 2014), and WQ 2015-0036-EXEC (April 7, 2015). A conformed NPDES Permit was issued on April 7, 2015 (Conformed NPDES Permit), available on the California State Water Resources Control Board's (SWRCB) website:

http://www.waterboards.ca.gov/board_decisions/adopted_orders/water_quality/2012/wq2012_0011_dwq_conformed_signed.pdf

The DWP's eight sections describe how the District plans to implement the stormwater program during the upcoming fiscal year. Section 1 introduces the DWP, describes its organizational structure, and identifies the key goals and commitments made by the District for the upcoming fiscal year. Section 2 describes the personnel with stormwater operations responsibilities in the District. In Section 3, the District's facilities are listed and categorized by type and location. Section 4 describes and identifies the high-risk locations where spills from the District's owned rights-of-way, roadways or facilities can discharge directly to a drinking water reservoir or ground water recharge facility. In Section 5, the District's road segments that are prone to erosion are identified. Section 6 summarizes the District's implementation activities, including projects that will be in the design and construction phases during the fiscal year, maintenance projects, and planned stormwater monitoring activities. Section 7 identifies the planned region-specific activities (if applicable) to address the requirements listed in Attachment V of the Conformed NPDES Permit. Section 8 identifies deviations that occurred from the prior DWP that resulted or will result in noncompliance with the Conformed NPDES Permit or SWMP and describes improvements performed in response to the incidents of noncompliance.

District Goals and Commitments

- Provide a safe, collaborative and healthy environment for our employees and customers;
- Improve the safety of our transportation network for users and workers;
- Identify opportunities and manage appropriate risks to empower and encourage innovation, improve efficiency and quality, and streamline delivery of our products and services;
- Develop, foster and strengthen cooperative working relationships with our internal and external partners and stakeholders;
- Cultivate customer service and teamwork;
- Promote staff development to improve the abilities and satisfaction of our workforce;

- Manage the core transportation activities in the District to ensure we are good stewards of our human, financial and environmental resources;
- Recognize and celebrate our achievements; acknowledge and learn from our mistakes and our successes.

2 District Personnel and Responsibilities

Section 2 of the DWP describes positions, addresses, and telephone numbers of personnel with responsibilities for stormwater operations within the District. This section also identifies positions having signatory authority for various notifications or documents required for submittal by a District (e.g., Project Registration Documents, including Notices of Intents or NOIs).

District NPDES Stormwater Coordinator

Under the supervision of the North Region Chief Environmental Engineer, the NPDES Coordinator is the lead overseeing implementation of the SWMP in the District. The NPDES Coordinator serves as liaison with the Headquarters Water Quality Program and Regional Water Quality Control Board personnel.

Other NPDES Coordinator tasks include the following:

- Provide guidance on applicable stormwater regulatory requirements and policies.
- Respond to Notices of Violation (NOV) and/or enforcement actions issued by the RWQCBs.
- Serve as the Statewide SWMP implementation point of contact.
- Distribute new stormwater information to coordinators from other functional units.
- Respond to public inquiries made to the District regarding stormwater management issues.
- Confirm stormwater related forms and other compliance documents are submitted to RWQCBs.
- Prepare Water Quality Assessment Reports.
- Assist the Environmental Unit in obtaining other general and individual NPDES permits (i.e., dewatering).
- Respond to illegal connections/illicit discharges (IC/IDs) and non-permitted non-stormwater discharges.
- Report non-compliance.
- Facilitate implementation of the SWMP and District Work Plan.

Maintenance Coordinator

The Maintenance Stormwater Coordinator is responsible for communicating relevant SWMP needs to Maintenance personnel, and serves as a point of contact for all Maintenance stormwater program inquiries. The Maintenance Coordinator is responsible for the following specific tasks:

- Review, monitor and evaluate BMP implementation and effectiveness for Maintenance activities.
- Coordinate stormwater training for District Maintenance personnel.
- Conduct Facility Pollution Prevention Plan (FPPP) inspections and prepare FPPPs.
- Attend Maintenance Stormwater Advisory Team (MSWAT) meetings.
- Administer the vegetated slope inspection program.
- Respond to IC/IDs.
- Participate in construction contract acceptance review.
- Review and comment on draft stormwater permits.

- Review long form Stormwater Data Reports (SWDRs) to ensure compliance with Maintenance requirements and the maintainability of stormwater control measures following their construction.

Construction Coordinator

The Construction Coordinator serves as the point of contact for all Construction Program stormwater inquiries and assists Resident Engineers (REs) in meeting stormwater related requirements. Other tasks include:

- Review Plans and Specifications to provide stormwater-related comments to designers.
- Review Design BMP selection and quantities for SWDR Approval.
- Assist REs by reviewing Stormwater Pollution Prevention Plan (SWPPP) and Water Pollution Control Program (WPCP) documents.
- Update risk level determination of projects based on actual contract start dates.
- Attend preconstruction meeting with contractors to assist REs with informing contractors of their stormwater responsibilities.
- Upload NOI, Notice of Termination (NOT) and Change of Information (COI) into the Stormwater Multiple Application and Report Tracking System (SMARTS) for SWPPP and Erosivity Waiver projects.
- Upload Incident Report Forms for WPCP projects into SMARTS when required.
- Perform regular inspections of construction projects to evaluate compliance with regulatory permits and supply REs with a corrective actions list.
- Conduct monthly side by side project inspections with third party Independent Assurance (IA) reviewers.
- Help coordinate stormwater training for Construction personnel.
- Convey new regulatory requirements to Construction personnel.
- Assist with NOVs or other action responses to regulatory agencies.
- Coordinate with Regional Board personnel regarding project specifics.

Public Affairs Coordinator

The Public Affairs Coordinator organizes and conducts Protect Every Drop campaign activities in District 2. This includes planning public outreach targeting a diverse portion of the population and coordinating with local groups to arrange campaign presentations and activities.

Encroachment Permits Coordinator

Encroachment Permits Coordinators serve as points of contact for all encroachment permit stormwater program inquiries and ensure external projects conducted within the Caltrans' right of way meet SWMP requirements.

Landscape Architecture Coordinator

The Landscape Architecture Coordinator is responsible for planning and recommending temporary and permanent sediment source control BMPs for construction projects and signs SWDRs.

Table 2-1 lists staff members responsible for implementing the Stormwater Program.

Table 2-1: District 2 Stormwater Personnel and Responsibilities

Staff Name	Title	Phone No.	E-mail	Responsibility
Wes Stroud	Chief, Region Office of Environmental Engineering	(530) 225-3510	wesley.stroud@dot.ca.gov	Oversees Office of Environmental Engineering (Redding) within District 2
Wes Stroud	(Acting) District NPDES Stormwater Coordinator	(530) 225-3510	wesley.stroud@dot.ca.gov	Primary contact for District 2 NPDES stormwater issues
Wes Faubel	District/Region Design Stormwater Coordinator	(530) 225-3412	wesley.faubel@dot.ca.gov	Assists Design, provides guidance on BMP selection and implementation during design, monitors for compliance with SWMP
Joe Baltazar	District Maintenance Stormwater Coordinator	(530) 225-3376	joseph.baltazar@dot.ca.gov	Provides maintenance BMP selection guidance and implementation, monitors for compliance with SWMP
Fred Chaffin	District Encroachment Permits Stormwater Coordinator	(530) 225-3121	fred.chaffin@dot.ca.gov	Provides NPDES guidance to District 2 Encroachment Permits staff and permittees
Patrick Sullivan	Landscape Architect	(530) 225-3413	patrick.sullivan@dot.ca.gov	Provides guidelines for implementing erosion control measures at construction project sites
Ted McDonald	Region Construction Stormwater Coordinator	(530) 605-5858	ted.l.mcdonald@dot.ca.gov	Assists RE, inspects stormwater controls on construction sites, reviews SWPPPs/WPCPs

Table 2-2 lists individuals authorized to sign the documents, reports, and other information submitted by the District to either the SWRCB or the RWQCB(s). These individuals/positions may delegate authorization to their staff to sign various documents and reports required for implementation of the Stormwater Program. It also includes delegation of signatory authority for key Conformed NPDES Permit and SWMP required documents.

Table 2-2: District 2 Signatory Authority for Key Documents

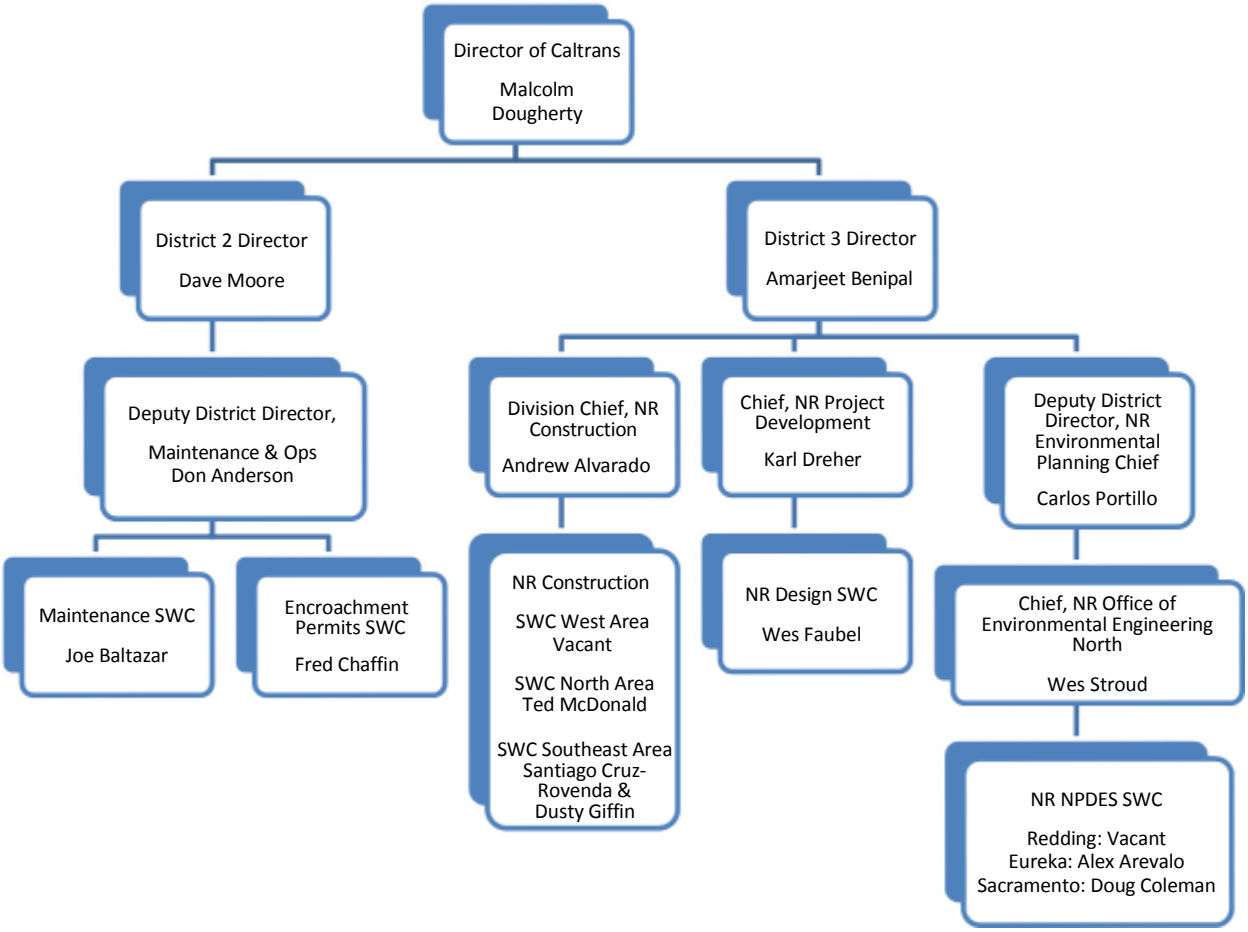
Position or Individual	Phone No.	E-mail	Documents Authorized for Signatures
Dave Moore, District Director	(530) 225-3477	dave.moore@dot.ca.gov	All District Documents
Wes Stroud, Chief, Region Office of Environmental Engineering (Redding)	(530) 225-3510	wesley.stroud@dot.ca.gov	All District Documents except District Work Plan
Wes Faubel, District/Region Design Stormwater Coordinator	(530) 225-3412	wesley.faubel@dot.ca.gov	All District Documents except District Work Plan

Table 2-2: District 2 Signatory Authority for Key Documents

Position or Individual	Phone No.	E-mail	Documents Authorized for Signatures
Joe Baltazar, District Maintenance Stormwater Coordinator	(530) 225-3376	joe.baltazar@dot.ca.gov	Notice and Non-Compliance Reporting, Discharge or Threat of Discharge Notification, Report of IC/ID, Incident Report Form
Fred Chaffin, District Encroachment Permits Stormwater Coordinator	(530) 225-3121	fred.chaffin@dot.ca.gov	SWPPPs, NOI/NOT, Notice and Non-Compliance Reporting, Discharge or Threat of Discharge Notification, and Report of IC/ID, Incident Report Form
Patrick Sullivan, Landscape Architect	(530) 225-3413	patrick.sullivan@dot.ca.gov	Notice of Soil Reuse with Aerially Deposited Lead (ADL)
Ted McDonald, Region Construction Stormwater Coordinator	(530) 605-5858	ted.l.mcdonald@dot.ca.gov	SWPPPs, Notice and Non-Compliance Reporting, Discharge or Threat of Discharge Notification, NOI/NOT, Incident Report Form
Construction Engineers and Resident Engineers	–	–	SWPPPs, NOI/NOT, Notice and Non-Compliance Reporting, Discharge or Threat of Discharge Notification, and Report of IC/ID, Incident Report Form
District Maintenance Assistant Stormwater Coordinators	–	–	FPPPs

Figure 2-1 shows an organizational chart describing key persons with responsibilities for stormwater operations within the District.

Figure 2-1: District 2 Organizational Chart



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3 District Facilities and Water Bodies

Section 3 of the DWP identifies maintenance stations (including crew functions and street addresses), vista points, commercial vehicle enforcement areas, roadside rest areas, park and ride facilities, toll road and bridge plazas, equipment shops, and other Caltrans facilities. Facility Pollution Prevention Plans (FPPPs) are prepared and implemented at Maintenance facilities within the District's boundaries, such as maintenance stations, material storage facilities, and equipment shops. To comply with Department of Homeland Security policy, the table and map identifying these facilities is not available to the public. For more information, contact Caltrans' Office of Emergency Management or Division of Environmental Analysis.

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4 Drinking Water Reservoirs and Recharge Facilities

Section 4 of the DWP describes and identifies the high-risk areas, which are locations where spills or other releases from District-owned rights-of-way, roadways, or facilities may discharge directly to municipal or domestic water supply reservoirs or ground water percolation facilities. Projects that potentially drain to these high-risk areas consider project features that enhance spill response.

Drinking water reservoirs and recharge facilities are areas such as locations where spills from District-owned ROWs or facilities can discharge directly to municipal or domestic water supply reservoirs or ground water percolation facilities. To generate the list of municipal, domestic water supply reservoirs, and ground water percolation facilities, the District first contacted known public and private water supply providers. From the information received, the District determined which facilities were susceptible to a direct spill from a District activity or facility. This determination was based on proximity between the water body and the District's facility, use characteristics of the facility, and the probable spill response time.

When planning projects within these defined areas, District 2 considers project design features for aiding in the prevention of accidental spills that could impact the area; these features are typically commensurate with safety improvements for reducing vehicle accidents. Examples of these features may include, but are not limited to, median barrier, guardrail, signalization, and vehicle restrictions. Features considered for improving spill response time typically include elongated drainage paths, call boxes, signage, or video surveillance.

A list of drinking water reservoirs and recharge facilities within District 2 is presented in Table 4-1.

Table 4-1: District 2 Drinking Water Reservoirs and Recharge Facilities

Road Segment/ Facility	County	Regional Board	Drinking Water Reservoir or Recharge Facility Area	Description	Comments
44/49.2	SHA	5	Manzanita Creek	Water for Lassen VNP – Manzanita Lake	1.5 miles to facility
151/0.0	SHA	5	Shasta Lake Intake	Water for City of Shasta Lake	0.3 miles to facility
299/16.7	SHA	5	Whiskeytown Lake Intake	Water for Clear Creek, Centerville and Shasta Community Service District	1.5 and 0.5 miles to facility
3/54.2	SIS	1	Lake Shastina Treatment Plant	Water for City of Montague	-
3/8.2	TRI	1	Hayfork – Ewing Reservoir	Water for Trinity Co. W.W. District #1	-

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5 Slopes Prone to Erosion

Section 5 of the DWP identifies the road segments within District 2 that have slopes which are prone to erosion and sediment discharge. The road segments that are located in sensitive watersheds, or where there is an existing or potential threat to water quality, will be prioritized for implementing appropriate controls to the maximum extent practicable. In each Annual Report, the status of stabilization activities where applicable will be reported. Table 5-1 is District 2's inventory of vulnerable road segments where erosion occurs and stabilization may be required, or where rock cut slopes are located and rock falls have occurred.

Table 5-1: District 2 Inventory of Road Segments Prone to Erosion

Road Segment	County	Regional Board	Watershed	Scheduled Stabilization Date
Route 299 PM 2.00 – 22.006	Trinity	1	Trinity River – Upper and Lower Middle	Incorporated into projects as they occur
Route 70A PM 11 – 11.5	Plumas	5	North Fork Feather River	Incorporated into projects as they occur
Route 70A PM 17 -19	Plumas	5	East Branch North Fork Feather River	Incorporated into projects as they occur
Route 70A PM 76 – 76.5	Plumas	5	Middle Fork Feather River	Incorporated into projects as they occur
Route 36 PM 0 - 4	Shasta	5	Cottonwood Creek	Incorporated into projects as they occur
Route 299 A PM 0 – 8	Shasta	5	Clear Creek	Incorporated into projects as they occur
Route 299A PM 41.1 – 41.5	Shasta	5	Cow Creek	Incorporated into projects as they occur
Route 3 PM 42.6 – 42.699	Siskiyou	1	Shasta Valley	Incorporated into projects as they occur
Route 3 PM 43 – 43.08	Siskiyou	1	Shasta Valley	Incorporated into projects as they occur
Route 96 PM 23.3 – 93.1	Siskiyou	1	Middle Klamath River	Incorporated into projects as they occur
Route 96 PM 93 – 105.823	Siskiyou	1	Middle Klamath River	Incorporated into projects as they occur
Route 263 PM 56.46 – 56.5	Siskiyou	1	Shasta Valley	Incorporated into projects as they occur
Route 36A PM 6 – 8	Tehama	1	Cottonwood Creek	Incorporated into projects as they occur
Route 299 PM 30 – 37	Trinity	1	Lower Trinity River	Incorporated into projects as they occur

Figure 5-1 is a map showing California State Highway System areas that required maintenance within District 2 in 2016, including rock cut slopes, landslides, and moderate soil erosion.

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District 2

California State Highway System
2017 Areas Prone to Erosion

Areas Prone to Erosion

County Boundary

Water Feature

Slopes Prone to Erosion

District	County	Route	PM
2	PLU	70	11/11.5
2	PLU	70	17/19
2	PLU	70	76/76.5
2	SHA	36	0/4
2	SHA	299	0/8
2	SHA	299	41.1/41.5
2	SIS	3	42.6/42.699
2	SIS	3	43/43.08
2	SIS	96	23.3/93.1
2	SIS	96	93/105.823
2	SIS	263	56.46/56.5
2	TEH	36	6/8
2	TRI	299	2/22.006
2	TRI	299	30/37

Caltrans District Boundary

NOTE:

Map indicates locations of Major/Minor storm damage repair activities conducted on three (3) consecutive years by the Division of Maintenance. Erosion data obtained from IMMS.

Figure 5-1

0 10 20 40 60 80 Miles

State of California
Department of Transportation
Division of Maintenance GIS
July 19,2017
C:\GIS\Erosion\MXD\2017_District02.mxd

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6 Implementation

Section 6 of the DWP identifies the specific projects in which work is planned during the fiscal year within the Project Approval/Environmental Document (PA/ED), Plans, Specifications, and Estimates (PS&E), and Construction development phases. The anticipated schedule of construction and maintenance projects is subject to change. These projects are limited to those meeting any of the following criteria:

1. All projects that require soil disturbing activities
2. Adjacent to a Drinking Water or Ground Water Recharge Facility, as described in Section 4 of the DWP
3. A supplemental environmental project
4. Additional projects per agreement between the District and local RWQCB

Projects listed in Table 6-1 include (where applicable):

1. Location (county, route and post mile limits)
2. Project number (expense authorization)
3. Basic Project Description
4. Disturbed soil area
5. Presence of receiving waters within or adjacent to project limits, with special designation for 303(d) listed water bodies (adopted)
6. Drinking Water Reservoir or Ground Water Recharge Facility within or adjacent to project (as identified in Section 4 of the DWP)
7. Projected milestone dates of PA/ED, PS&E, begin Construction, and end Construction
8. Description of Construction Controls
9. Post-Construction Treatment Controls (types and quantities)
10. Dredge and fill (CWA-401) activities within the project
11. Other Regional Water Control Board Permits Required
12. Potential and Actual Impacts of Project's Discharge
13. Area of New Impervious Surface
14. Percentage of New Impervious Surface to Existing Impervious Surface

The updated lists of projects meeting these criteria will also be provided to the RWQCB annually on October 1st. Furthermore, this section identifies planned maintenance projects with soil disturbance. Information associated with the project includes location, affected water body, and area of disturbance. In addition, this section also describes the planned stormwater monitoring activities within the District; however, these activities may be conducted jointly with other Districts and HQ. Consequently, the information contained in a DWP may be repeated in another DWP.

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Table 6-1: District 2 Anticipated Project Development and Construction Schedule

No.	EA	Project Location					Project Description[2,3]	Water Bodies Within or Adjacent to Project Limits[4]	Dredge and Fill Activities (Y/N/NA)[5]	Other Regional Water Board Permits Required[6]	Potential and Actual Impacts of Project's Discharge[7]	Disturbed Soil Area (acres)	Area of New Impervious Surface (acres)	Percentage of New Impervious Surface to Existing Impervious Surface	Description of Construction Controls (SWPPP/WPCP/TBD)[8]	Post-Construction Treatment Control Type, Quantity[9]	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	RB[1]											PA&ED Date	PS&E Date	Start Date	End Date
1	02-0H560	Butte	70	22	48	5	Drainage Rehabilitation	Butte Basin, West Branch North Fork Feather, Middle Fork Feather	N	-	-	TBD	0	0.00%	TBD	C	9/1/18	9/25/19	2/13/20	12/29/20
2	02-0H900	Butte	70	41.9	46.5	5	Fish Passage Retrofits	Feather River	N	-	-	0	0.06	-	-	E	10/31/17	6/29/18	2/8/19	1/15/21
3	02-1H850	D02-Various	36	0	0	TBD	Slide Repair	TBD	NA	-	-	0	0	0.00%	TBD	C	-	-	10/5/18	10/5/18
4	02-2H390	D02-Various	36	0	0	5	Replace AC Surfacing	Deer Creek	N	-	-	0	-	-	WPCP	E	7/11/16	-	3/15/17	12/31/18
5	02-0H760	D02-Various	70	0	0	6	Cold Foam Recycle & Drainage	TBD	N	-	-	0	0.22	3.41%	TBD	E	1/2/18	2/21/19	8/27/19	1/3/22
6	02-1H830	D02-Various	89	0	0	TBD	Repair Shoulders and Culverts	TBD	NA	-	-	0	0	0.00%	TBD	C	-	-	10/5/18	10/5/18
7	02-4E450	D02-Various	299	0	0	5	Bieber to Adin Pavement Rehab	TBD	N	-	-	40	7.9	31.60%	TBD	C	1/17/19	1/16/20	8/25/20	12/1/22
8	02-2H330	D02-Various	395	0	3	5, 6	Chip Seal	ND	N	-	-	0	-	-	WPCP	E	5/2/16	-	2/27/17	12/31/18
9	02-4E420	D02-Various	395	0	0	6	Preventive Maint. Shoulder Widening	ND	N	-	-	2.15	0.93	-	-	E	9/30/15	5/16/16	1/9/17	12/31/18
10	02-1H800	D02-Various	VAR	0	0	TBD	Replace asphalt concrete surfacing and structural section	TBD	NA	-	-	0	0	0.00%	TBD	C	-	-	10/3/18	10/3/18
11	02-2H320	D02-Various	VAR	0	0	1	Chip Seal	(Klamath River HU, Scott River HA)/ (Trinity Lake)	N	-	-	-	-	-	WPCP	E	4/14/16	-	2/21/17	12/31/18
12	02-3H330	D02-Various	VAR	0	0	TBD	Repair edge line drop offs and pavement	TBD	NA	-	-	0	0	0.00%	TBD	C	-	-	10/18/18	10/18/18
13	02-4F600	D02-Various	VAR	0	0	1	Deck Replacements and misc bridge rehab	Irving Creek, Ti Creek, Klamath River (Blue Nose), Trinity River, Mad River, Pony Bar Creek, Gray Creek	N	GWDR		0	0	0.00%	TBD	C	9/28/18	7/25/19	2/14/20	10/11/22
14	02-4F780	D02-Various	VAR	0	0	TBD	Pave Chain Control Areas Various Locations	Var	N	-	-	TBD	TBD	TBD	WPCP	C	9/26/16	12/4/17	9/4/18	11/16/20
15	02-4G530	D02-Various	VAR	0	0	1	Scour Mitigation	TBD	N	-	-	0	0	0.00%	TBD	E	2/18/19	2/13/20	8/26/20	12/30/22
16	02-4G610	D02-Various	VAR	0	0	5	Shasta/Trinity County Worker's Protection	Trinity River	N	-	-	0	0	0.00%	TBD	C	11/8/17	2/4/19	12/7/20	12/29/22
17	02-4E690	D02-Various	VAR			6	Rehabilitate waste water systems	Baxter Creek-Frontal Honey Lake	N	-	-	0.92	-	-	WPCP	E	7/30/13	4/27/15	5/16/16	12/31/18
18	02-4G630	D02-Various	VAR			TBD	CCTV and RWIS Upgrade	TBD	N	-	-	0	0	0.00%	TBD	E	10/19/17	10/29/18	8/6/19	11/15/21

[1] Regional Board
[2] Supplemental Environmental Projects designated as "SEP."
[3] Projects adjacent to Drinking Water Reservoirs or Groundwater Recharge Facilities are noted (DW) and (GW), respectively.
[4] Water bodies with a 303(d) designation are noted in parentheses.
[5] If yes, a 401 permit will be required for this project. NA = Not Available at this time.
[6] Regional Water Board Permits required other than CGP and Clean Water Act Section 401 water quality certification, such as Waiver of Discharge Requirements, Dewatering Permits, Bridge Painting WDRs, etc.
[7] This information may come from the Water Quality Assessment Report prepared for each project, a Water Quality Technical Memorandum, or other document that evaluates the water quality impacts of a project.
[8] A description of the Construction Controls is available in the project's SWPPP, WPCP, or is To Be Determined (TBD) if the Disturbed Soil Area is unavailable.
[9] Treatment Control Status identified by: device type/number of devices, exempt ("E"), or under consideration ("C"). See Treatment Control Status Legend below for device type abbreviations.

Table 6-1: District 2 Anticipated Project Development and Construction Schedule

No.	EA	Project Location					Project Description[2,3]	Water Bodies Within or Adjacent to Project Limits[4]	Dredge and Fill Activities (Y/N/NA)[5]	Other Regional Water Board Permits Required[6]	Potential and Actual Impacts of Project's Discharge[7]	Disturbed Soil Area (acres)	Area of New Impervious Surface (acres)	Percentage of New Impervious Surface to Existing Impervious Surface	Description of Construction Controls (SWPPP/WPCP/TBD)[8]	Post-Construction Treatment Control Type, Quantity[9]	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	RB[1]											PA&ED Date	PS&E Date	Start Date	End Date
19	02-4E460	Lassen	36	6.1	14.3	5, 6	Lower Fredonyer Pavement	Hamilton Branch, Goodrich Creek-Frontal Mountain Meadows Reservoir, Willard Creek	N	-	-	11	11	33.33%	SWPPP	C	3/12/18	5/20/19	12/3/19	1/10/22
20	02-4E46U	Lassen	36	6.1	14.3	5	Rehabilitate Roadway and Replace Bridge	North Fork Feather HA, Susan River HA	NA	-	-	0	0	0.00%	TBD	C	5/1/18	4/8/19	1/24/20	4/15/22
21	02-4F560	Lassen	36	7.2	7.4	5	Goodrich Creek Bridge	Goodrich Creek, Mountain Meadows Reservoir	Y	-	-	1.7	0.4	-	SWPPP	C	3/12/18	5/20/19	12/3/19	1/10/22
22	02-4F990	Lassen	36	22.4	29.4	6	Susanville CAPM	Susan River HA	N	-	-	1.45	0	-	SWPPP	E	6/28/16	6/23/17	12/27/17	12/31/19
23	02-4F420	Lassen	36	26.6	27.2	6	Skyline Extension	Susan River HA	N	-	-	0	0	0.00%	TBD	C	10/30/17	-	11/1/18	10/1/19
24	02-1H440	Lassen	44	31.9	32.6	6	Curve Correction	Susan River HA	NA	-	-	0	-0.1	-	-	E	8/1/17	6/6/18	10/23/18	5/5/20
25	02-0H630	Lassen	139	6.2	7.3	6	Lower Antelope Curve Realignment	Susan River HA	N	-	-	TBD	TBD	TBD	TBD	C	12/22/16	2/8/18	9/4/18	11/16/20
26	02-2H400	Lassen	139	10	20	6	Replace AC Sufacing. Seal Coarse	Snow Mountain	N	-	-	-	-	-	WPCP	E	7/18/16	-	2/27/17	12/31/18
27	02-1H110	Lassen	299	25.58	25.58	5	Replace Buildings Upgrade Maint Sta	Big Valley HA	N	-	-	2.2	2	25.00%	SWPPP	C	10/6/17	6/1/18	2/1/19	1/15/21
28	02-1H490	Lassen	395	15.1	15.95	6	...	Herlong HA	NA	-	-	0	0		TBD	C	-	-	10/5/18	10/5/18
29	02-2H380	Modoc	139	6	10.7	5	Replace AC Surfacing	Pit River	N	-	-	-	-	0.00%	WPCP	E	6/8/16	-	3/15/17	12/31/18
30	02-2H340	Modoc	139	28	34	1	Thin Blanket Overlay	(Klamath River HU, Lost River HA)	N	-	-	-	-	-	-	E	5/3/16	-	2/27/17	12/31/18
31	02-4F210	Modoc	299	0	0	5	Replace two bridges	Butte Creek, Ash Creek	Y	-	-	TBD	TBD	TBD	TBD	C	3/2/17	3/16/18	11/15/18	7/15/21
32	02-1H330	Modoc	299	51.9	52.5	6	Superelevation Improvement	Cedarville HA	N	-	-	0	0	0.00%	TBD	C	10/12/17	6/8/18	12/12/18	11/16/20
33	02-3H250	Plumas	36	12.8	12.8001	5	AC Gutter Repair	North Fork Feather HA	NA	-	-	0	0	0.00%	TBD	C	8/21/17	-	2/7/18	12/31/18
34	02-4G770	Plumas	36	13.73	14.23	5	Improve Intersection	Lake Almanor	N	-	-	1.6	1.2	47.06%	SWPPP	C	9/3/18	9/15/19	2/15/21	11/1/22
35	02-0H550	Plumas	70	0	70	5	Plumas 70 Drainage	North Fork Feather, East Branch North Fork, Middle Fork Feather	N	-	-	TBD	0	0.00%	TBD	E	9/1/18	7/5/19	2/13/20	12/29/20
36	02-0H800	Plumas	70	0	0	5	Fish Passage Restoration	North Fork Feather HA	TBD	-	-	0	0	0.00%	TBD	E	10/31/17	6/29/18	2/8/19	1/15/21
37	02-1H530	Plumas	70	0	11	5	Grouted RSP	North Fork Feather HA	NA	-	-	0	0	0.00%	TBD	C	-	-	10/5/18	10/5/18
38	02-1H750	Plumas	70	0	0	5	Remove slip-out material and reconstruct RSP	Bucks Lake HSA	NA	-	-	0	0	0.00%	TBD	C	-	-	2/10/17	9/28/18
39	02-3H100	Plumas	70	0	0	5	Clear debris, rocks and soil to reestablish original water channels. Remove slide material.	TBD	NA	-	-	0	0	0.00%	TBD	C	-	-	1/10/17	9/10/18
40	02-0H380	Plumas	70	1	1.3	5	Install Tunnel Lighting	North Fork Feather	N	-	-	-	-	-	WPCP	E	9/10/15	9/1/16	2/16/17	9/4/18
41	02-1H760	Plumas	70	11	26	5	Storm Damage Clean Up	Butt Valley HSA, Twain HSA	NA	-	-	0	0	0.00%	TBD	C	-	-	9/28/18	9/28/18
42	02-0H450	Plumas	70	11.5	11.9	5	Opapee Curve Improvement	Butt Valley/North Fork Feather River	N	-	-	2.2	0.4	44.44%	SWPPP	C	12/14/16	4/23/18	11/12/18	11/9/20
43	02-4G390	Plumas	70	32.7	33.5	5	Indian Creek Bridge Rail Replacement	Indian Creek	N	-	-	0	0	0.00%	TBD	E	9/1/18	9/15/19	2/15/21	11/1/22

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		Co.	Route	Begin PM	End PM	RB[1]											PA&ED Date	PS&E Date	Start Date	End Date
44	02-3H340	Plumas	70	33.38	33.38	5	Construct Retaining Wall	Twain HSA	NA	-	-	0	0	0.00%	TBD	C	2/12/18	-	10/24/18	10/24/18
45	02-4E330	Plumas	89	15.76		5	IMPLEMENT REMEDIATION PLAN.	Crescent Mill HSA	N	-	-	0	0	0.00%	TBD	C	12/12/11	-	6/28/12	10/15/18
46	02-0E24U	Plumas	89	20	20.6	5	Streetscape Improvements	Wolfe Creek	N	-	-	6	0.2	3.70%	SWPPP	I,3	3/23/15	12/1/15	7/26/16	12/31/18
47	02-2H290	Plumas	147	1	2	5	Pavement Rehabilitation	TBD	NA	-	-	0	0	0.00%	TBD	C	6/18/18	6/8/20	10/20/20	12/22/22
48	02-2H280	Plumas	147	6.3	7.3	5	Pavement Rehabilitation	TBD	NA	-	-	0	0	0.00%	TBD	C	7/3/18	8/21/19	1/6/20	1/3/22
49	02-4E640	Plumas	147	8.91	9.3	5	Hamilton Branch Bridge Replacement	Lake Almanor	N	-	-	1.94	0.65	50.00%	SWPPP	E	7/1/14	10/28/15	6/2/16	12/31/18
50	02-0E900	Shasta	5	29	46	5	Replace Bridge and Seismic Retrofit	Shasta Lake, Dog Creek	Y	-	-	15.4	4	-	SWPPP	C	-	-	4/1/16	10/1/18
51	02-4F510	Shasta	5	0	67.02	5	MBGR Teh Co line to Sis Co Line	TBD	NA	-	-	0	0	0.00%	TBD	C	10/28/16	11/17/17	8/31/18	10/1/20
52	02-4G570	Shasta	5	1	26.3	5	Worker Safety – Relocate Roadside Facilities	TBD	N	-	-	0	0	0.00%	WPCP	E	6/14/17	2/13/18	8/14/18	12/31/20
53	02-2H360	Shasta	5	1.8	6.5	5	Cold Plane. Replace AC Surfacing	(Anderson Creek/Clear Creek/Clover Creek/Sacramento River)	N	-	-	-	-	-	WPCP	E	5/31/16	-	2/27/17	12/31/18
54	02-4C404	Shasta	5	5.5	9.7	5	Widen to six lanes	Enterprise Flat HA	N	-	-	TBD	TBD	TBD	TBD	C	3/29/13	12/30/16	3/19/19	-
55	02-4C403	Shasta	5	6.2	11.7	5	Widen to six lanes	Enterprise Flat HA	NA	-	-	39.7	21.8	34.38%	SWPPP	BS, 5	3/29/13	7/1/16	3/19/19	-
56	02-4G520	Shasta	5	28	29	5	Bridge Maintenance	Lake Shasta Drainage HA	N	-	-	0	0	0.00%	WPCP	E	12/16/16	10/10/17	8/20/18	4/25/20
57	02-4G580	Shasta	5	31	31.7	5	O'Brien SRRA Water & Wastewater Rehab	Shasta Lake	NA	-	-	0	0	0.00%	TBD	E	11/1/17	7/5/19	3/1/20	10/1/21
58	02-37890	Shasta	5	39	41.2	5	Antlers Bridge Replacement	Shasta Lake	Y	-	-	51	1.5		SWPPP	C	1/31/07	8/1/08	11/30/09	7/15/18
59	02-4G400	Shasta	5	57.41	57.41	5	Sims UC Bridge Rehab	Lamoine HA	N	-	-	0	0	0.00%	TBD	C	2/1/18	4/1/19	1/2/20	11/15/21
60	02-4G410	Shasta	5	66.8	66.8	5	Castella Bridge Rehab	Dunsmuir HSA	NA	-	-	0	0	0.00%	TBD	C	2/1/18	4/1/19	1/2/20	11/15/21
61	02-0E090	Shasta	5			5	Bridge Replacement and Seismic Retrofit	Shasta Lake	Y	-	-	16.5	-0.05	-1.22%	SWPPP	E	6/2/14	4/1/15	3/14/16	1/15/19
62	02-2H620	Shasta	36	3.57	3.57	5	Construct Fish Passage	Platina HSA	NA	-	-	0	0	0.00%	TBD	C	11/6/18	12/27/19	5/13/20	12/31/21
63	02-2H730	Shasta	44	0.161	0.161	5	Install Free Right Turn	Enterprise Flat HA	NA	-	-	0	0	0.00%	TBD	C	3/17/17	11/17/17	5/18/18	1/18/19
64	02-4G490	Shasta	44	44.9	45.5	5	Lower Manzanita Curve Realignment	Manzanita Creek	N	-	-	5.8	1.4	-	SWPPP	TRCSND, 6	11/7/14	2/5/16	11/3/16	11/1/18
65	02-4F200	Shasta	44	59.4	59.8	5	Hat Creek Bridge Replacement	Hat Creek	N	-	-	2.7	0.4	-	WPCP	E	7/29/16	1/12/18	8/31/18	1/15/21
66	02-1H600	Shasta	44	64.19	65.13	5	Install Rock Fence	Upper Hat Creek HSA	NA	-	-	0	0	0.00%	TBD	C	9/23/17	-	3/12/18	12/31/18
67	02-2H470	Shasta	89	0	21.3	5	Chip Seal	Burney	N	-	-	0	-	-	WPCP	E	7/20/16	-	3/15/17	12/31/18
68	02-2H370	Shasta	151	0	5.5	5	Chip Seal	ND	N	-	-	0	-	-	WPCP	E	6/1/16	-	1/30/17	12/31/18
69	02-2H640	Shasta	151	5.5	5.83	5	...	TBD	NA	-	-	0	0	0.00%	TBD	C	12/22/16	6/20/17	1/2/18	2/1/19
70	02-4F790	Shasta	151	5.5	5.83	5	Shasta Lake City Sidewalk	Churn Creek HA	N	-	-	0.1	0	0.00%	TBD	E	12/11/15	6/20/17	2/6/18	2/1/19
71	02-2H970	Shasta	273	0	0	5	Install ITS Elements at 4 Locations	TBD	NA	-	-	0	0	0.00%	TBD	C	8/24/17	9/5/19	1/28/20	12/31/21
72	02-1H810	Shasta	273	4.43	12.52	5	Culvert Rehabilitation	Enterprise Flat HA	NA	-	-	0	0	0.00%	TBD	C	10/31/17	-	4/28/18	10/1/18
73	02-1H730	Shasta	273	5.2	11.6	5	-	Enterprise Flat HA	NA	-	-	0	0	0.00%	TBD	C	8/31/17	-	12/15/17	11/1/18
74	02-4G420	Shasta	273			5	Spring Bonnyview Pavement	TBD	N	-	-	0	0	0.00%	TBD	C	12/12/16	2/2/18	8/17/18	1/31/20

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		Co.	Route	Begin PM	End PM	RB[1]											PA&ED Date	PS&E Date	Start Date	End Date
75	02-3H510	Shasta	299	0	0	5	Repair potholes and Slope stabilization	TBD	NA	-	-	0	0	0.00%	TBD	C	-	-	12/19/18	12/19/18
76	02-3E410	Shasta	299	0.3	7.1	5	Highway Realignment	Willow Creek	Y	-	-	71.1	7.1	24.83%	SWPPP	TRCSND,5	6/28/13	3/10/14	1/14/15	2/6/19
77	02-3E740	Shasta	299	7.6	18.3	5	Rehab, widen shoulders and bridge	Rock Creek, Clear Creek	N	-	-	19	9	-	SWPPP	C	10/1/17	2/13/18	8/28/18	12/31/19
78	02-1H650	Shasta	299	16.4	17.4	5	Road	Clear Creek HA	NA	-	-	0	0	0.00%	TBD	C	3/6/19	8/12/24	9/23/24	11/30/28
79	02-2H600	Shasta	299	18.6	19	5	Construct Bicycle and Hiking Trail	Spring Creek HA	NA	-	-	0	0	0.00%	TBD	C	7/16/18	1/6/20	5/26/20	12/31/21
80	02-2H310	Shasta	299	49.43	49.49	5	Mitigation Parcel	TBD	NA	-	-	0	0	0.00%	TBD	C	8/16/16	-	-	8/15/18
81	02-1H940	Shasta	VAR	0	0	5	Replace Joint Seals	Sacramento River	N	-	-	0	0	0.00%	WPCP	E	4/25/17	-	2/5/18	12/3/18
82	02-3H530	Shasta	VAR	0	0	5	Place RSP	TBD	NA	-	-	0	0	0.00%	TBD	C	9/2/17	-	5/5/18	1/30/20
83	02-1H880	Shasta	VAR	0	0	5	Bridge Deck Maintenance	ND	N	-	-	0	-	-	WPCP	E	5/9/16	-	7/10/17	12/31/18
84	02-3H400	Siskiyou	5	0	0	5	Remove and replace AC pavement	TBD	NA	-	-	0	0	0.00%	TBD	C	-	-	11/14/18	11/14/18
85	02-3H390	Siskiyou	5	2.6	2.6001	5	Excavate slide, replace with RSP	Dunsmuir HSA	NA	-	-	0	0	0.00%	TBD	C	-	-	11/6/18	11/6/18
86	02-2E800	Siskiyou	5	7.2	7.2	5	Upgrade Facility Enforcement Facility	Castle Creek-Sacramento River	N	-	-	0.7	-	-	WPCP	E	9/9/13	1/7/15	2/25/16	2/1/19
87	02-1H400	Siskiyou	5	8.29	8.29	5	Deck & Rail Rehab	Mount Shasta HA	NA	-	-	0	0	0.00%	TBD	C	3/14/19	8/20/24	10/1/24	12/8/28
88	02-4G820	Siskiyou	5	10.7	19.5	1, 5	Roadway Rehabilitation	(Klamath River HU, Shasta River HA)/Big Springs Creek/Boles Creek	N	-	-	3	0.8	-	WPCP	E	1/12/15	5/28/15	4/27/16	7/27/18
89	02-4F540	Siskiyou	5	15.3	16.5	5	Bridge Replacement	Box Canyon HSA	NA	-	-	0	0	3.64%	TBD	C	12/4/15	1/1/18	9/6/18	1/14/22
90	02-4F58U	Siskiyou	5	57.8	58.5	1	Bridge Strengthening and Rail Replacement	(Klamath River)	N	GWDR	-	0		-	WPCP	E	10/2/15	5/5/16	1/11/17	10/15/18
91	02-4G300	Siskiyou	5	58	58	1	Collier SRRA Break Room	Middle Klamath River HA	N	-	-	0	0	-	TBD	C	6/10/16	11/28/17	6/29/18	1/25/19
92	02-3H260	Siskiyou	96	0	103.4	1	Clear slide debris, repair slip-outs, clean or replace plugged or separated culverts	TBD	NA	-	-	0	0	0.00%	TBD	C	-	-	9/19/18	9/19/18
93	02-1H090	Siskiyou	96	23	103.42	1	Culvert Replacement	Klamath River	TBD	-	-	0	0	0.00%	TBD	C	3/29/19	10/4/19	9/1/20	11/15/22
94	02-4C150	Siskiyou	96	23.4	54.5	1	Replace or Rehabilitate Drainage Systems	Ukonom HSA, Happy Camp HSA	Y	-	-	0	0	0.00%	TBD	E	5/4/17	1/12/18	9/7/18	1/15/21
95	02-2H540	Siskiyou	96	33	85.2	1	Reconstruct MBGR	Klamath River	N	-	-				WPCP	E	9/14/16	-	6/2/17	12/31/18
96	02-2H580	Siskiyou	97	20.19	20.19	1	Stormwater Improvements	Shasta Valley HA	NA	-	-	0	0	0.00%	TBD	C	10/2/17	--	3/28/18	12/31/18
97	02-2H250	Siskiyou	161	0	0	1	Drainage Restoration	TBD	NA	-	-	0	0	0.00%	TBD	C	12/7/16	-	-	12/31/18
98	02-2H180	Siskiyou	161	17.3	19.36	1	Full Depth Pavement Rehabilitation	Tule Lake HSA	NA	-	-	0	0	0.00%	TBD	C	10/16/17	9/17/18	5/6/19	2/3/20
99	02-1H950	Siskiyou	VAR	0	0	TBD	-	TBD	NA	-	-	0	0	0.00%	TBD	C	6/2/17	-	2/19/18	12/1/18
100	02-2E480	Siskiyou	VAR	0	0	1	Bridge Replacement	Klamath River	Y	-	-	0	0.91		SWPPP	C	11/21/16	3/2/18	12/11/18	11/15/21
101	02-2H890	Siskiyou	VAR	0	0	1	Install Electric Vehicle Stations	TBD	NA	-	-	0	0	0.00%	TBD	C	8/31/17	11/27/17	7/3/18	11/16/20
102	02-1H340	Tehama	5	14.1	19.7	5	Drainage Easement and Construct Access Road	Red Bluff HA	N	-	-	0	0	0.00%	TBD	C	2/6/17	-	-	11/1/18
103	02-4F590	Tehama	5	25.4	25.4	5	Sacramento River Bridge Seismic	Red Bluff HA	TBD	-	-	TBD	TBD	TBD	TBD	C	7/17/18	11/9/19	6/24/20	7/30/23
104	02-4F910	Tehama	5	36.2	42.1	5	Tehama 5 Widening	Lower Cottonwood HA	N	-	-	TBD	TBD	TBD	TBD	C	7/4/16	-	1/17/18	12/28/18
105	02-1H680	Tehama	5	40.6	41.9	5	Construct New Scale Facility	Lower Cottonwood HA	NA	-	-	0	0	0.00%	TBD	C	5/5/20	8/16/21	5/17/22	12/31/24

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		Co.	Route	Begin PM	End PM	RB[1]											PA&ED Date	PS&E Date	Start Date	End Date
106	02-0H200	Tehama	32	8.6	9.3	5	Curve Realignment	Deer Creek HA, Undefined HAS	N	-	-	6.2	0.65	40.12%	SWPPP	I,16	11/1/17	12/20/18	6/25/19	8/27/20
107	02-4G560	Tehama	36	0	100	5	Drainage System Restoration	TBD	N	-	-	0	0	0.00%	TBD	C	7/23/18	10/3/19	2/13/20	12/29/20
108	02-4G280	Tehama	36	8.96	14.22	5	Culvert Rehabilitation	Wells Creek HSA	N	-	-	0	0	0.00%	TBD	C	3/10/17	-	-	10/1/18
109	02-1H970	Tehama	36	12.6	13.1	5	Curve Improvement	Red Bluff HA	NA	-	-	0	0	0.00%	TBD	C	5/10/18	6/28/19	11/29/19	11/24/21
110	02-2H630	Tehama	36	26.6	27.6	5	Curve Improvement	Lower Cottonwood HA	NA	-	-	0	0	0.00%	SWPPP	C	11/20/18	2/7/20	7/14/20	6/1/22
111	02-0H110	Tehama	36	36.4	36.8	5	Realign Curve	Dibble Creek – Sacramento River	N	-	-	8.98	2.64	TBD	SWPPP	C	10/31/16	10/20/17	7/12/18	12/31/19
112	02-4G540	Tehama	36	40.32	42.04	5	Red Bluff CAPM	Red Bluff HA	N	-	-	0	0	0.00%	TBD	C	12/22/17	6/18/19	2/19/20	12/31/21
113	02-0H390	Tehama	36	87	87.8	5	CCTV/RWIS	Manton	N	-	-	0	0	0.00%	TBD	E	11/1/17	12/20/18	6/25/19	8/27/20
114	02-1H740	Tehama	36	87.8	88.8	5	Curve Improvement	Upper Mill Creek HSA	NA	-	-	0	0	0.00%	TBD	C	3/2/18	6/3/19	10/15/19	11/15/21
115	02-2H140	Tehama	36	87.8	89	5	Curve & Climbing Lane	Wells Creek HSA	NA	-	-	0	0	0.00%	TBD	C	4/2/18	5/28/19	12/3/19	11/15/21
116	02-1H320	Tehama	99	12	12.6	5	ADA & Pedestrian Improvements	(Sacramento River (Red Bluff to Knights Landing))	N	-	-	1	1	15.38%	WPCP	E	11/1/17	2/19/19	8/3/19	12/31/20
117	02-3H300	Trinity	3	15.37	15.37	1	Stabilize Slip-out	Hayfork Valley HSA	NA	-	-	0	0	-	TBD	C	-	-	9/14/18	9/14/18
118	02-1H820	Trinity	3	18.3	30.6	1	Culvert Replacement	Hayfork Valley HSA, Douglas City HSA	NA	-	-	0	0	0.00%	TBD	C	9/8/17	-	3/3/18	11/1/18
119	02-0H540	Trinity	3	30	85.068	1	Drainage Rehabilitation	Lower Trinity River, Upper Trinity River	TBD	-	-	TBD	0	0.00%	TBD	C	9/1/18	9/5/19	2/13/20	12/29/20
120	02-2H260	Trinity	3	30.87	30.89	1	Install Interpretive Exhibits	TBD	NA	-	-	0	0	0.00%	TBD	C	2/15/18	1/3/19	5/21/19	12/31/20
121	02-2H350	Trinity	3	49.7	53.7	1	Digouts	(Trinity River HU, Upper Trinity River HA)	N	-	-	0	-	-	WPCP	E	5/24/16	-	1/30/17	12/31/18
122	02-4F220	Trinity	3	58.7	61.9	1	Swift Creek Bridge Replacement	Swift Creek	Y	-	-	3.9	0.1	90.91%	SWPPP	C	1/17/19	4/9/20	12/1/20	12/29/22
123	02-3H440	Trinity	36	1.6	24.01	1	Stabilize slip out	Mad River HU, Trinity River HU	NA	-	-	0	0	0.00%	TBD	C	-	-	12/14/18	12/14/18
124	02-2H480	Trinity	36	3.5	9.2	1	Cold in Place Recycle with HMA Overlay	Mad River	N	-	-	0	0	-	WPCP	E	8/10/16	-	3/13/17	12/31/18
125	02-3H350	Trinity	36	14.17	14.4	1	Replace DI's and culverts, restore sub-grade and pavement	Forest Glen HSA	NA	-	-	0	0	-	TBD	C	-	-	11/5/18	11/5/18
126	02-4F860	Trinity	36	26.7	27.1	1	Ditch Gulch Curve Improvement	Hayfork Valley HSA	Y	-	-	TBD	-1.05	-	SWPPP	E	10/31/16	1/29/18	7/24/18	12/31/21
127	02-2H050	Trinity	36	34.6	35.4	1	Curve Improvement	Hayfork Valley HSA	NA	-	-	TBD	TBD	TBD	TBD	C	2/1/19	1/8/20	7/15/20	1/14/22
128	02-4G380	Trinity	299	0	8.3	1	Pavement Rehabilitation	Lower Trinity, Burnt Ranch	N	-	-	0.91	0	0.00%	WPCP	E	11/30/15	5/13/16	12/21/16	12/30/18
129	02-4G500	Trinity	299	1.9	2.1	1	Widen & Add shoulders.	Burnt Ranch HSA	N	-	-	TBD	TBD	TBD	TBD	C	4/27/18	8/5/19	3/3/20	12/31/20
130	02-4G620	Trinity	299	3.56	3.5601	1	Salyer SRRA Septic and Well Rehab	Burnt Ranch HSA	N	-	-	0	0	0.00%	WPCP	E	8/16/18	7/16/19	4/8/20	12/29/21
131	02-0H320	Trinity	299	4.7	5	1	Improve Truck Clearance	Lower Trinity River	N	-	-	0	0	0.00%	TBD	C	8/15/18	-	-	-
132	02-0H410	Trinity	299	10.9	11.2	1	Place Rock Drapery	Lower Trinity River	N	-	-	0	0	0.00%	TBD	C	7/24/18	9/13/19	2/13/20	12/29/20
133	02-0H680	Trinity	299	23.1	23.3	1	Place Rock Drapery	Lower Trinity River	N	-	-	0	0	0.00%	TBD	C	7/24/18	9/13/19	2/13/20	12/29/20

Table 6-1: District 2 Anticipated Project Development and Construction Schedule

No.	EA	Project Location					Project Description[2,3]	Water Bodies Within or Adjacent to Project Limits[4]	Dredge and Fill Activities (Y/N/NA)[5]	Other Regional Water Board Permits Required[6]	Potential and Actual Impacts of Project's Discharge[7]	Disturbed Soil Area (acres)	Area of New Impervious Surface (acres)	Percentage of New Impervious Surface to Existing Impervious Surface	Description of Construction Controls (SWPPP/WPCP/TBD)[8]	Post-Construction Treatment Control Type, Quantity[9]	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	RB[1]											PA&ED Date	PS&E Date	Start Date	End Date
134	02-3H380	Trinity	299	39.2	39.2001	1	Stabilize slip out with RSP	Helena HSA	NA	-	-	0	0	0.00%	TBD	C	-	-	11/6/18	11/6/18
135	02-0H690	Trinity	299	43.1	43.3	1	Install Rock Drapery	Lower Trinity River	N	-	-	0	0	0.00%	TBD	C	7/24/18	9/13/19	2/13/20	12/29/20
136	02-2H820	Trinity	299	47.2	49.2	1	Grinder Digouts	Lower Trinity River HA	NA	-	-	0	0	0.00%	TBD	C	9/21/16	-	5/10/17	12/1/18
137	02-3H430	Trinity	299	54.96	60.15	1	Install charging stations	Trinity River	NA	-	-	0.02	0	0.00%	WPCP	E	10/6/17	2/2/18	8/14/18	12/31/20
138	02-1H700	Trinity	299	64.7	71.7	1	Stormwater Improvements. Compliance Units	Trinity River	NA	-	-	5	1.4	3.89%	SWPPP	Comp Units	9/8/20	2/28/22	8/30/22	1/2/24

Treatment Control Status Legend	
BMP Device Types:	
BIOSTP	Biofiltration Strips
BIOSWL	Biofiltration Swales
C	Under Consideration
CNTBOX	Gross Solids Removal Devices (Inclined Screen)
DETBAS	Detention Basins
DPPIA	Design Pollution Prevention Infiltration Area*
DWFD	Dry Weather Flow Diversion
E	Exempt
INDBAS	Infiltration Basins*
INDTRE	Infiltration Trench*
LNGTBE	Gross Solids Removal Devices (Linear Radial)
MCTT	Multi-Chambered Treatment Trains
MF-ADS	Austin Sand Filters
MF-DSF	Delaware Sand Filters
Other	Other (specify type)
SA	Stabilization Areas
TRCSND	Traction Sand Traps
WETBAS	Wet Basins

* Water quality volume infiltrates within the right of way. (When this is demonstrated for at least 90% of the WQV, other types of treatment BMPs are not considered unless there is a location-specific requirement.)

Table 6-2 lists the planned maintenance projects that will disturb soil.

Table 6-2: District 2 Anticipated Significant Road Maintenance Activities

No.	Co.	Route	Beg PM	End PM	Regional Board	Description	Water Bodies Affected[10]	Other Regional Water Board Permits Required[11]	Potential and Actual Impacts of Project's Discharge[12]	Disturbed Soil Area (acres)	Area of New Impervious Surface (acres)	Percentage of New Impervious Surface to Existing Impervious Surface	Description of Construction Controls (SWPPP/WPCP/ TBD/NA)[13]	Post-Construction Treatment Control Type, Quantity[14]	Start Date	Completion Date
1	LAS/ PLU	147	0.66	6.1	CV	Trim willows, alders, and remove sediment	Upper North Fork Feather River, Lake Almanor	None	TBD	0.1 acre	None	0%	CA Dept. of Fish and Wildlife Permit	TBD	08/31/17	02/14/18

Treatment Control Status Legend	
BMP Device Types:	
BIOSTP	Biofiltration Strips
BIOSWL	Biofiltration Swales
C	Under Consideration
CNTBOX	Gross Solids Removal Devices (Inclined Screen)
DETBAS	Detention Basins
DPPIA	Design Pollution Prevention Infiltration Area*
DWFD	Dry Weather Flow Diversion
E	Exempt
INDBAS	Infiltration Basins*
INDTRE	Infiltration Trench*
LNGTBE	Gross Solids Removal Devices (Linear Radial)
MCTT	Multi-Chambered Treatment Trains
MF-ADS	Austin Sand Filters
MF-DSF	Delaware Sand Filters
Other	Other (specify type)
SA	Stabilization Areas
TRCSND	Traction Sand Traps
WETBAS	Wet Basins

* Water quality volume infiltrates within the right of way. (When this is demonstrated for at least 90% of the WQV, other types of treatment BMPs are not considered unless there is a location-specific requirement.)

[10] Receiving waters within or adjacent to maintenance activity designated as "303(d) (constituent type)." Activity adjacent to Drinking Water Reservoir or Ground Water Recharge Facilities designated as "DW."
[11] Regional Water Board Permits required other than Construction General Permit, such as Clean Water Act Section 401 water quality certification, Waiver of Discharge Requirements, Dewatering Permits, Bridge Painting WDRs, etc.
[12] This information may come from the Water Quality Assessment Report prepared for each project, a Water Quality Technical Memorandum, or other document that evaluates the water quality impacts of a project.
[13] A description of the Construction Controls is available in the project's SWPPP, WPCP, is To Be Determined (TBD) if the Disturbed Soil Area is unavailable, or is Not Applicable (NA) because there is no Disturbed Soil Area associated with the project.
[14] Treatment Control Status identified by: device type/number of devices, exempt ("E"), or under consideration ("C"). See Treatment Control Status Legend below for device type abbreviations.

Table 6-3 lists the District's planned monitoring activities.

Table 6-3: District 2 Monitoring Activities

Statewide Monitoring Program Activities
ASBS Core Monitoring Sites
• District 2 has no ASBS sites.
ASBS Ocean Receiving Water and Reference Monitoring Sites
• District 2 has no ASBS sites.

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7 Region-Specific Activities

Section 7 of the DWP identifies the applicable region-specific activities that District 2 has planned for the fiscal year 2018-2019 to comply with Attachment V of the Conformed NPDES Permit.

North Coast Region

Riparian Vegetation Removal

Caltrans controls vegetation on state highway roadsides to maintain clear recovery zones, clear areas around bridge supports, maintain visibility of traffic control devices, to reduce the risk of fires starting along the roadside, protect pavement surfaces, control noxious weeds, prevent erosion, limit stormwater pollution, protect sensitive species, and improve aesthetics.

Within the North Coast Region, manual vegetation control is conducted within riparian areas and only when necessary for protection of the public or highway structures. Due to the limited right of way within riparian areas relative to watershed size, exceedance of water quality objectives is not anticipated. Maintenance activity that removes riparian vegetation is performed in accordance with the BMPs described in the Maintenance Staff Guide. Removal of riparian vegetation is typically addressed during the Section 404/401 permitting process.

Notification to NCRWQCB: Routine Maintenance Work within NCRWQCB Jurisdiction

The projects in Table 6-1 were included as a notification of upcoming projects that involve work over water. The projects will not result in disturbed soil areas. Caltrans Standard Specifications 2015 Section 13 requires that a WPCP is developed by a qualified professional for these projects. Best Management Practices will be implemented to avoid and minimize the potential for discharges and/or to implement temporary erosion control measures. Table 6-1 lists the anticipated routine maintenance work over water performed by contract within the North Coast RWQCB jurisdiction.

Lahontan Region

Natural Environment as Treatment (NEAT) Treatment Control Design

No NEAT areas are located within District 2.

Vegetation Removal or Existing Ground Surface Disturbance Prohibition

District 2 will comply with the vegetation removal or existing ground surface disturbance prohibition requirements within the Lahontan Region as described in the Conformed NPDES Permit.

Project Review Requirements

District 2 will comply with the project review requirements within the Lahontan Region as described in the Conformed NPDES Permit.

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8 DWP Noncompliance and Improvements

No DWP noncompliance incidents or improvements were identified for the District.

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